SmartSource® Expert Elite
The Secure Choice®

DIGITAL CHECK®

The SmartSource Expert Elite includes a standard Ethernet connection and is optimized to run over a network using SecureLink by Digital Check®. Its built-in memory and processing power provide the ability to operate over a browser-based interface in nearly any computing environment or on any operating system. Embedded intelligence performs image thresholding and compression onboard the scanner, saving valuable bandwidth.

ID CARD SCANNING

Features two-sided ID card capture using 600 dpi image sensors that produce high resolution color or grayscale images.

AUTOMATED CLEANING

An indicator light alerts users when it is time to clean. Use the Smart Button to activate cleaning mode, insert a cleaning card, and the scanner performs a unique cleaning sequence that scrubs the track and cleans the sensors.

KEY FEATURES & BENEFITS

- **SecureLink 2.0 with Onboard Intelligence**
  - **Minimal Installation Profile**
  - **Embedded SecureLink 2.0 API**
  - **Onboard image thresholding, improves the image and reduces file sizes over the network**
- **Batch-Feed: Scans up to 75 or 150 DPM**
- **1-to-4-Line Inkjet Endorser**
- **ID Card Capture**
- **Automated Cleaning with Smart Button Indicator**

BUILT-IN PROCESSING

Performs key functions including MICR processing, image cleanup and compression, onboard the scanner before the data is transmitted to the PC or server, greatly reducing demands on network bandwidth. Key functions include double-feed document detection, MICR recognition, OCR recognition, combined MICR/OCR recognition, image cleanup, image thresholding, cropping, and compression for color, black-and-white, and grayscale images.

Fast, Quality Batch Scanning

The Expert Elite is ideal for teller capture or back counter applications. The scanner features a 100-item input hopper and a top speed of up to 150 documents per minute, making it the ideal solution for high-volume check scanning environments.

Secure & Reliable

The Expert Elite builds on years of check scanning success through both our TellerScan® and SmartSource product lines. Our products are used and trusted at the teller window and back counter by many of the largest banks both domestically and internationally.

Industry Leading Image & MICR Capture

The Expert Elite uses 600 dpi image sensors and applies thresholding to create high-resolution images resulting in superb CAR/LAR read rates. Our top-of-the-line MICR read heads coupled with optical recognition offer the best defense against ambiguous characters and out-of-spec documents.

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UniLink™

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The Expert Elite is network enabled through a standard Ethernet connection using SecureLink by Digital Check® API. Optionally, the Expert Elite can be connected to a host computer using RNDIS (Remote Network Driver Interface Specification), a virtual Ethernet link over USB.

Network Enabled with Embedded Intelligence

SecureLink 2.0 API is designed to reside in the scanner itself, not your workstation or server, and works as the network device that can communicate via browser. Your teller workstation effectively acts as a pass-through for data from a central server and delivers two major benefits to end users.

Gain Operating System, Device, and Browser Flexibility

SecureLink 2.0 API enables deployment in a virtual desktop infrastructure (VDI) environment and allows the scanner to be controlled by any device that is connected to the network. The custom-designed network-based interface makes it possible for the Expert Elite to be controlled by devices using virtually any operating system, including traditional PCs, handheld devices, and touchscreens.

Eliminate Network Bandwidth Bottlenecks

Onboard processing and image compression eliminate the issue of extreme amounts of data transferring over a network connection. Digital Check incorporates image compression within the API that is embedded in the scanner itself. File sizes are reduced by up to 99% before they even reach the network, eliminating bottlenecks and bandwidth issues.

Mininmal Installation Profile

Scanner setup is greatly simplified by eliminating the need to install a Digital Check USB driver and API software on the workstation. Simply connect via an Ethernet cable and identify the Expert Elite scanner on the network.

Stackable Receipt Printer

Digital Check offers the ReceiptNOW® Elite thermal printer, designed to fit underneath the Expert Elite scanner, minimizing overall space requirements. The ReceiptNOW Elite printer can be configured with either Ethernet or USB connections.

SmartSource® Expert Elite
Specifications

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Scanner Dimensions
Height: 6.99 in (17.8 cm)
Width: 5.39 in (13.7 cm)
Length: 8.86 in (22.5 cm)
Weight: 4.7 lbs. (2.1 kg)

Scan Speeds - Documents Per Minute (DPM)
Up to 75 or 150 DPM

Document Input and Output Pockets
Entry Pocket: Up to 100 item hopper capacity
Entry pocket automatically opens for ease of use
Double-feed document detection
Exit Pocket: Up to 150 items

Document Handling
Document Height: 2.00 to 6.00 in (5.08 to 15.24 cm)
Image Capture Height: Up to 4.25 in (10.80 cm)
Document Length: 2.90 to 9.25 in (7.37 to 23.5 cm)
Document Weight: 16 to 28 lb (60 to 105 gsm)
Document Thickness: 0.0032 - 0.0058 in (0.081 - 0.147 mm)
Front ID Input: ID cards and items up to 3.375 x 2.25 in (85.60 x 53.98 mm)
ID Card Capture (supported by application)

Inkjet Endorser
User-replaceable cartridge (600 dpi printing, 1-4 lines)
User-programmable text
Three (3) levels of print quality available (economy, standard, or premium)

Image Sensor
Resolution: 600 dpi
Light Source: Tri-Color LEDs

Image Compression Standards
CCITT Group 4 (bi-tonal images)
JPEG Baseline (gray level images)
JPEG Compression (color images)

MICR/OCR Recognition
E13B and CMC7 auto-sensing
OCR-A, OCR-B, E13B
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band
MICR/OCR combine read

Productivity Functions (Smart Button)
Functions: LED status light, combined power switch, feeder start/stop, clear document jam, and activate cleaning mode

Connectivity
Category 5e (Cat5e) Ethernet cable supply included
10/100 Mbit Ethernet Connectivity

Application Programming Interfaces (API)
SecureLink 2.0 API (includes RNDIS)
Device Suite embedded API
Ranger Transport API (purchased separately from Silver Bullet Technology Inc.)

Standard Warranty
One year pursuant to Digital Check Corp.'s limited product warranty

Power Requirements
100-240 VAC @ 50/60 Hz
Operating Power: 25 W
Standby Power: 3 W

Environmental
Operating Temperature: 60° - 90° F (15° - 32° C)
Operating Humidity: 35 - 85% non-condensing

Certifications
Safety:
UL, cUL, CE, BIS

Emissions:
FCC: Class B
ICES-003
CE

Power Supply Efficiency:
DOE Level VI

RoHS Compliant

Part Numbers
SSX1-Elite (for 75 DPM Model)
SSX1-Elite-FS (for 150 DPM Model)

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